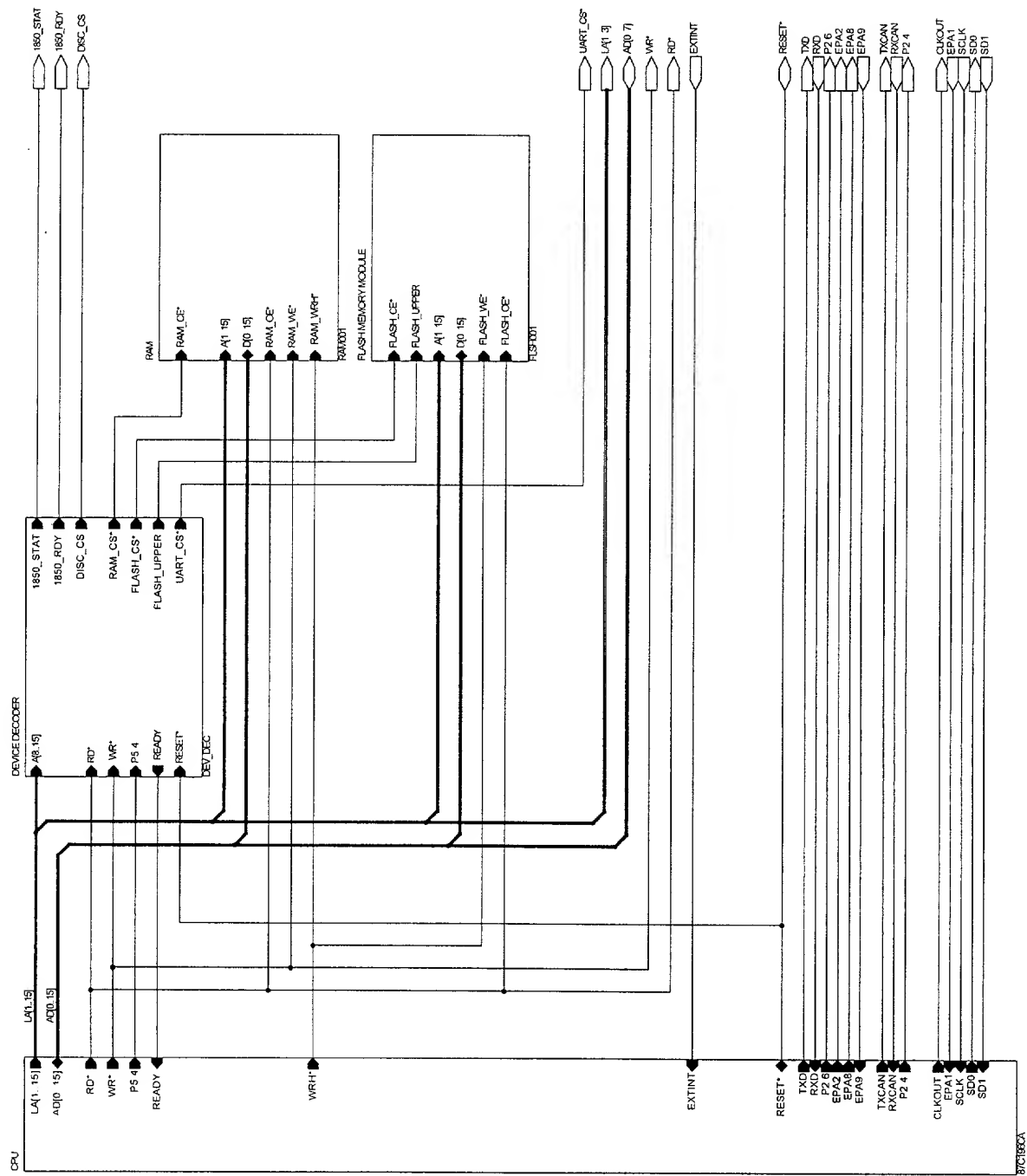


**FIG 1**



**FIG 2**

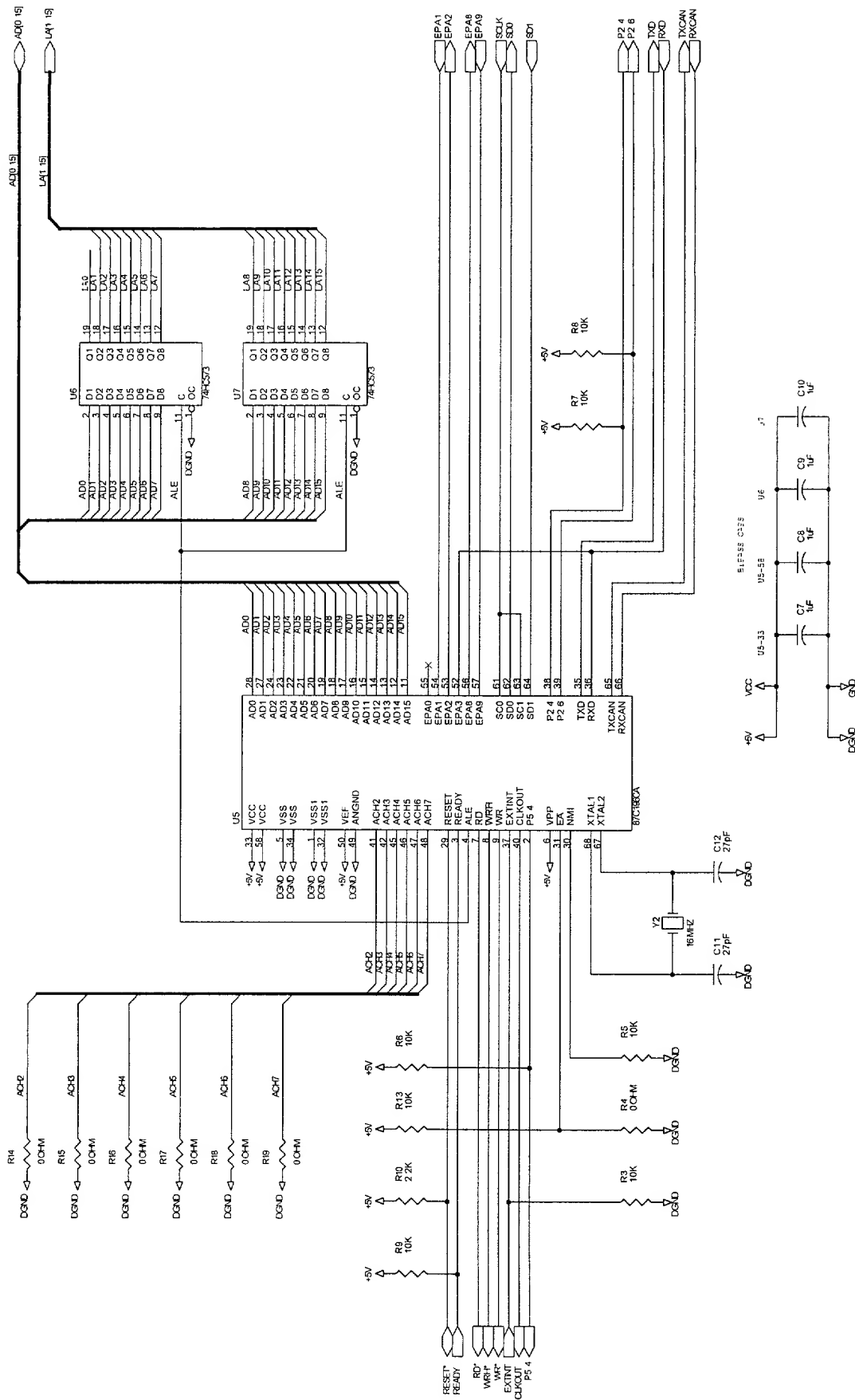
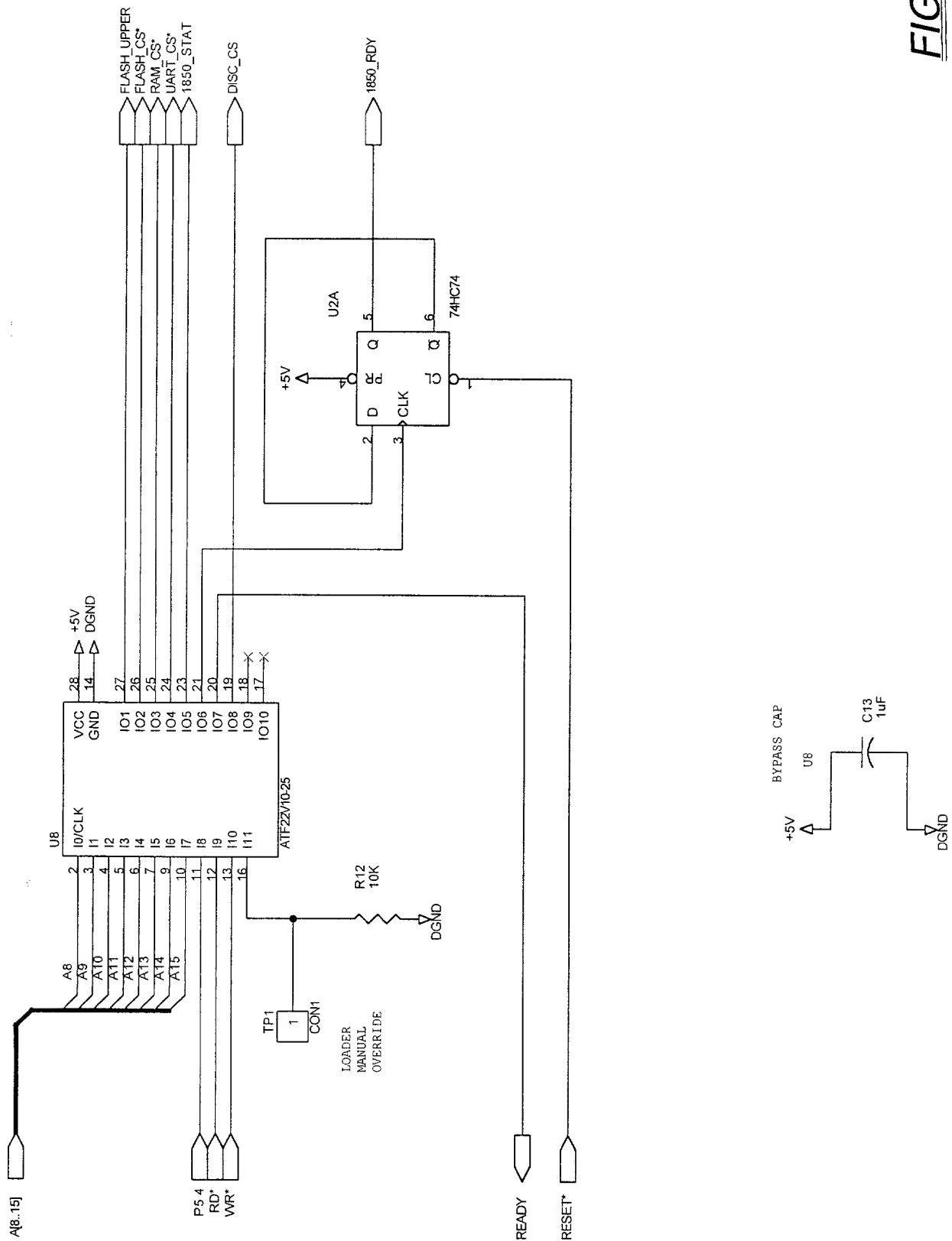


FIG 3



**FIG 4**

1.09230.00T21530

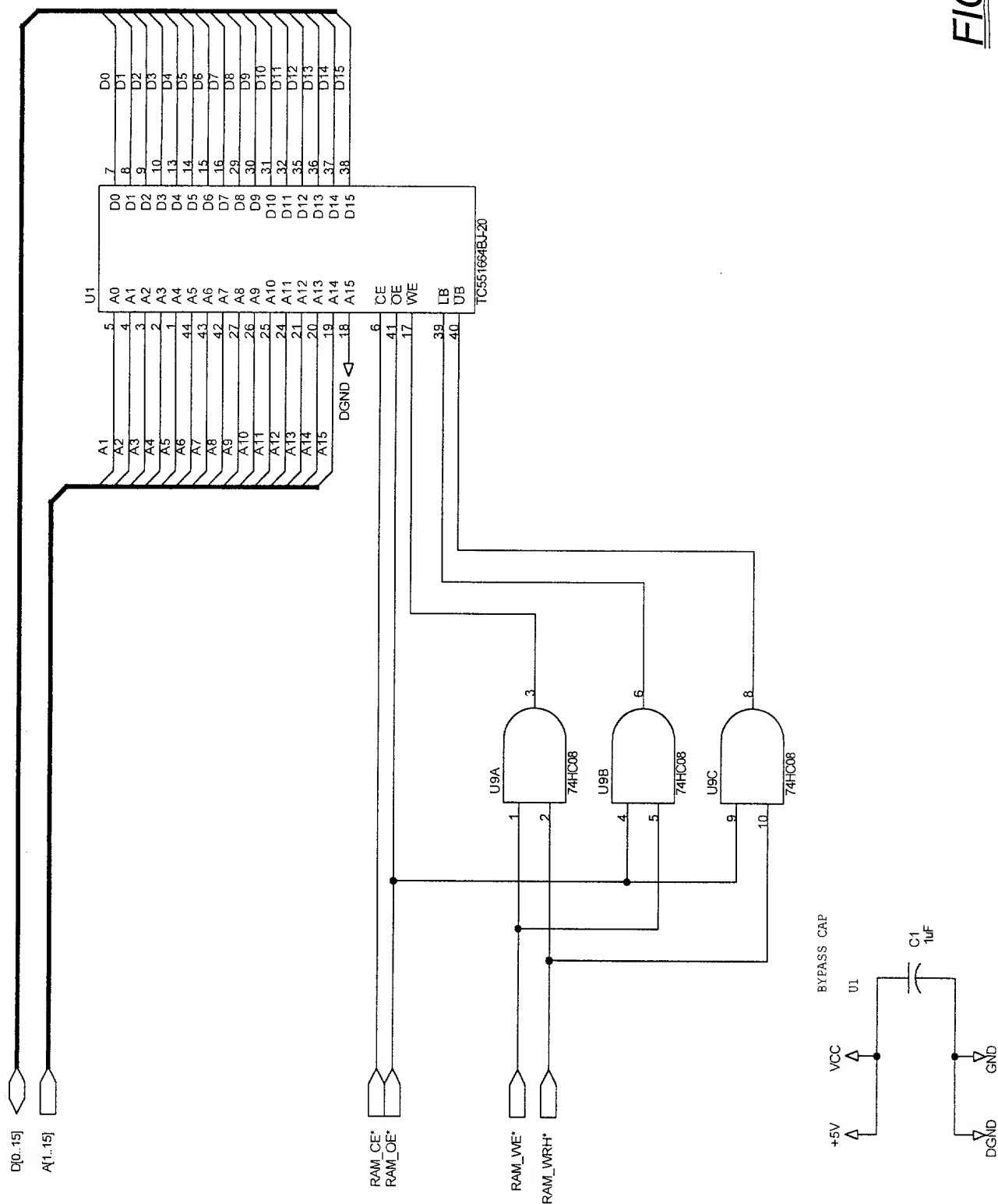


FIG 5

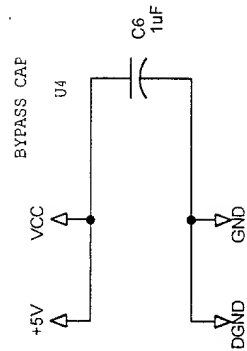
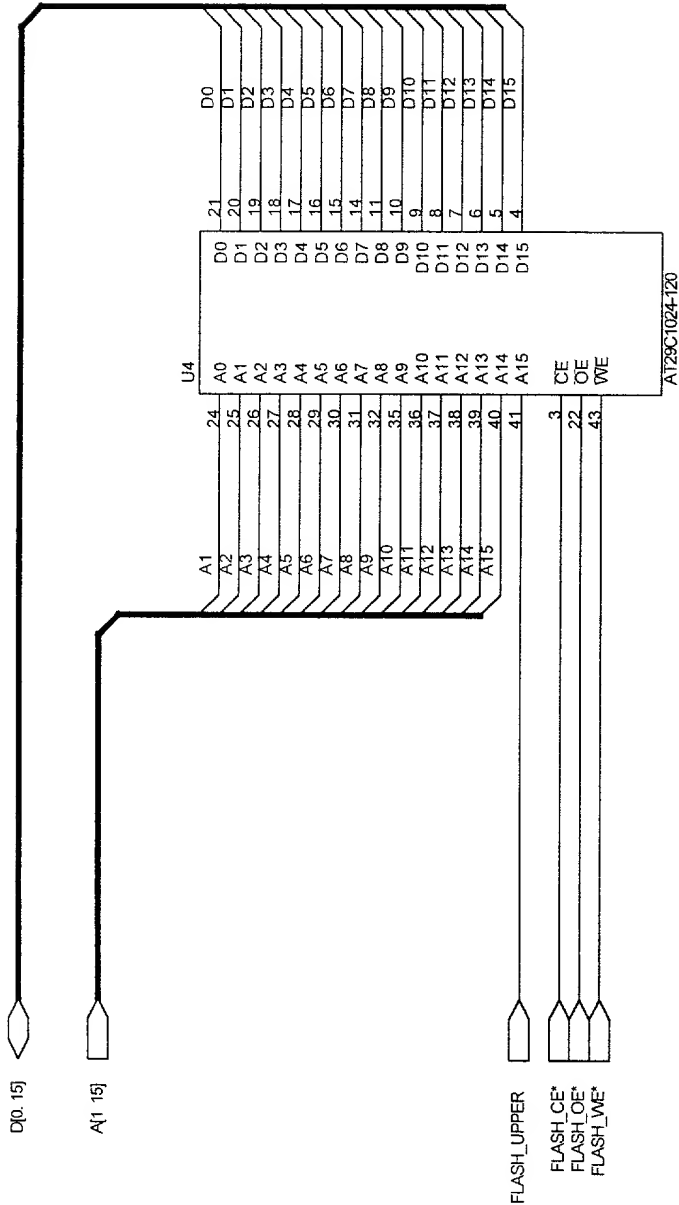


FIG 6

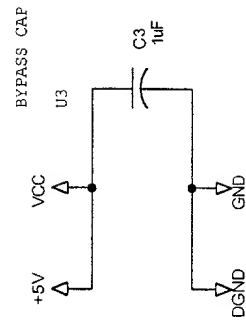
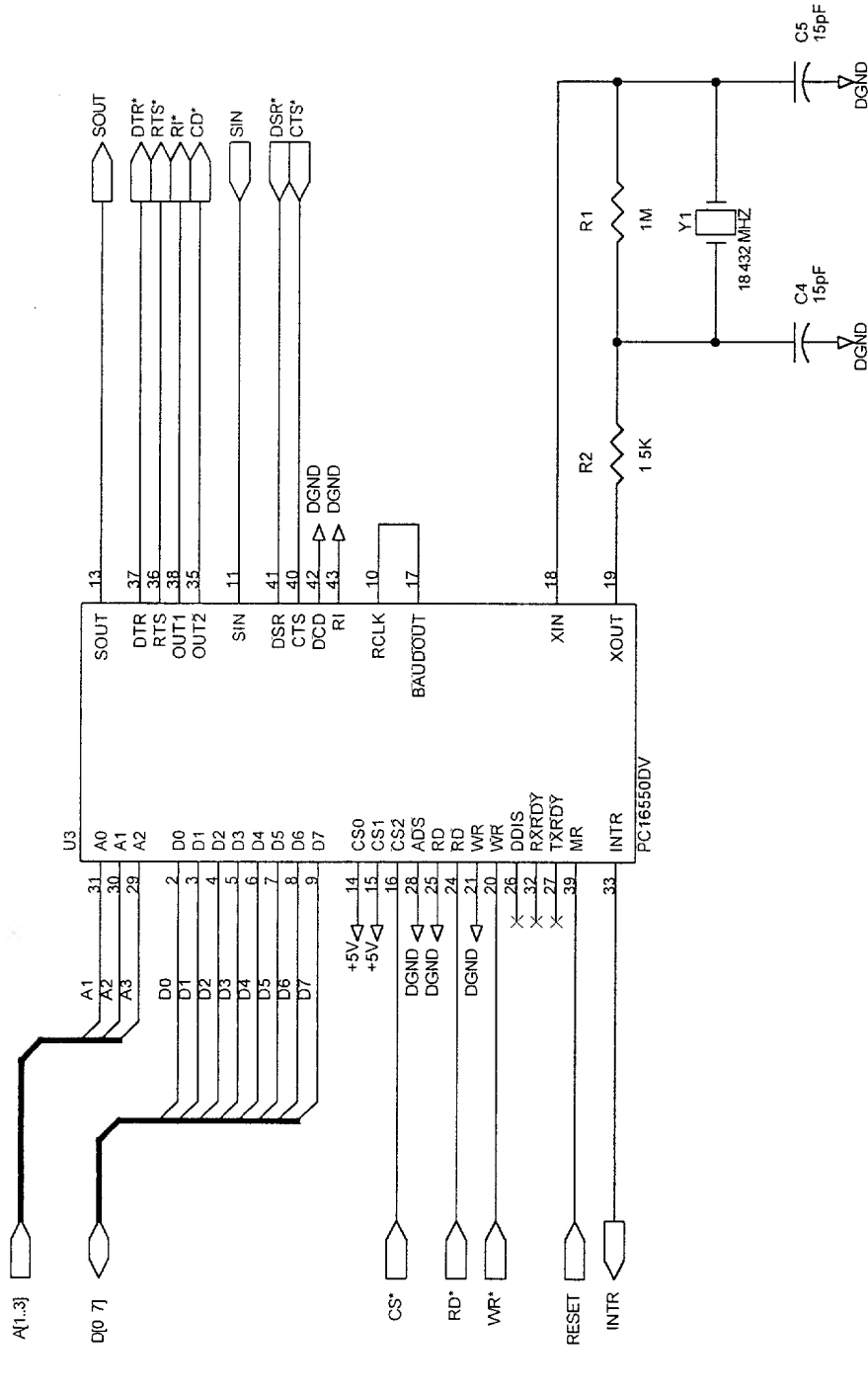


FIG 7

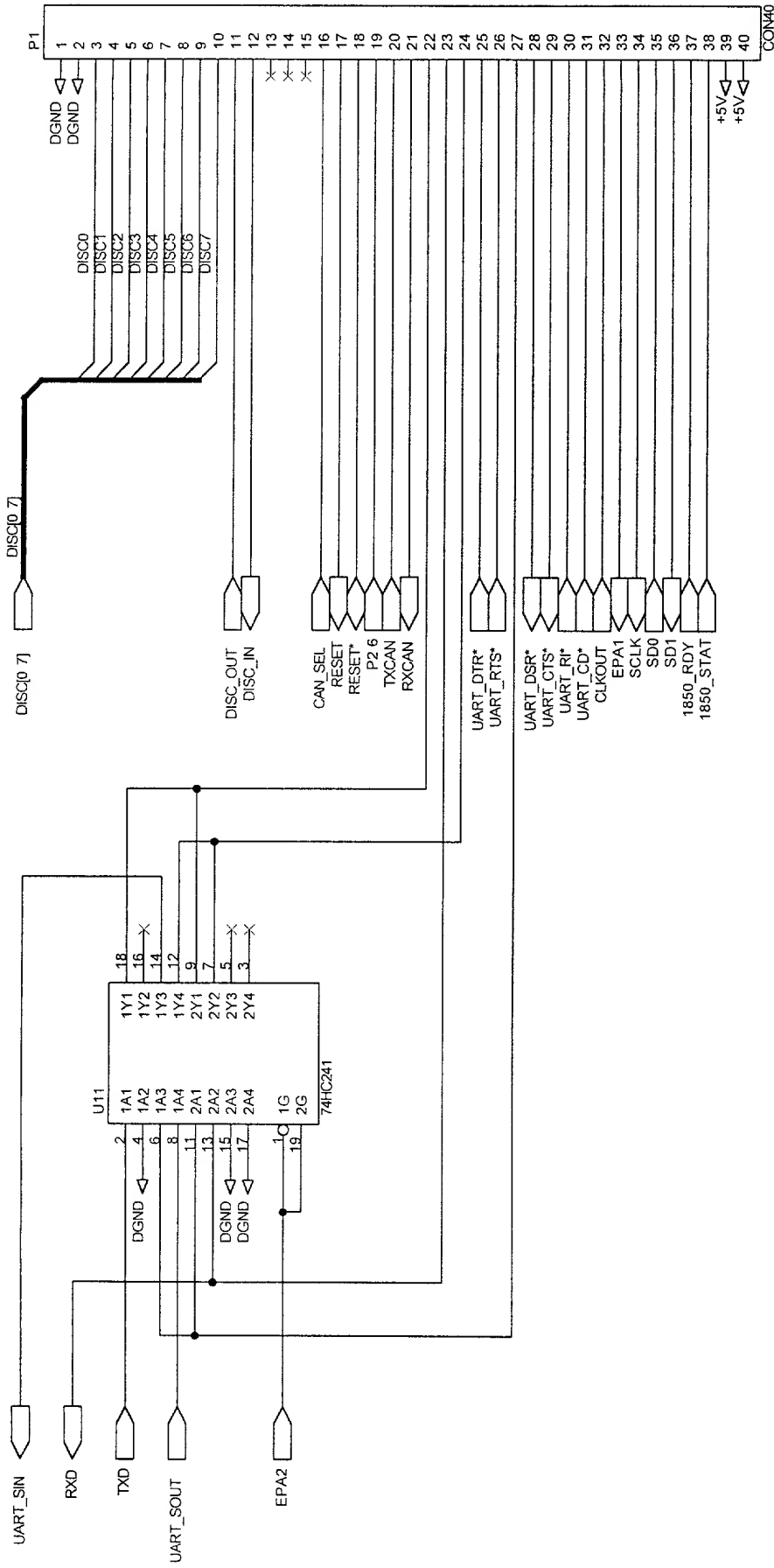
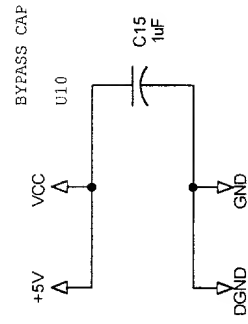
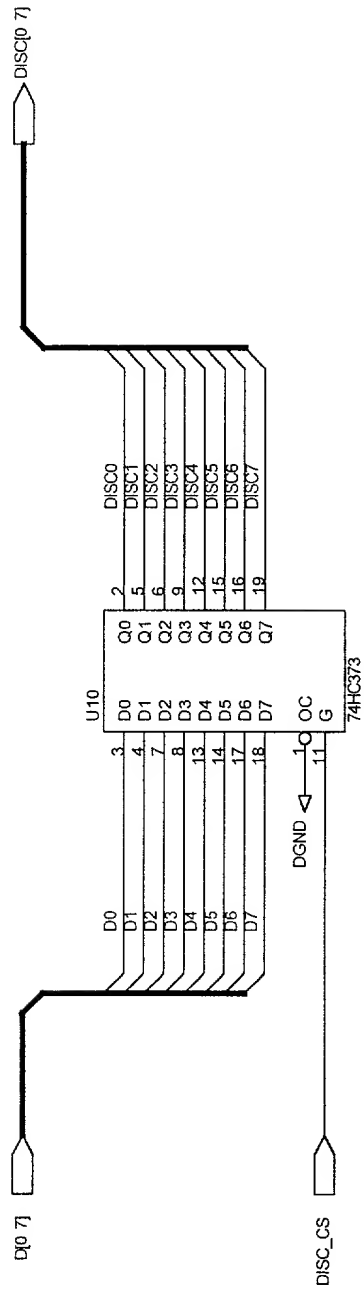
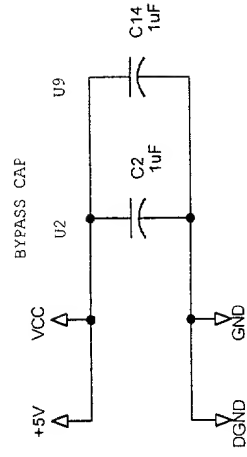
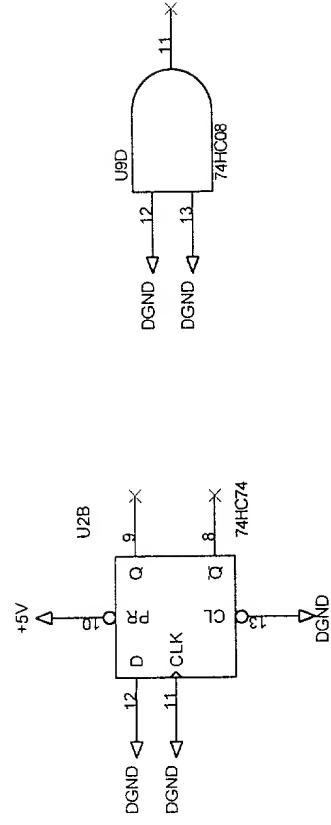


FIG 8





**FIG 9**



**FIG 10**

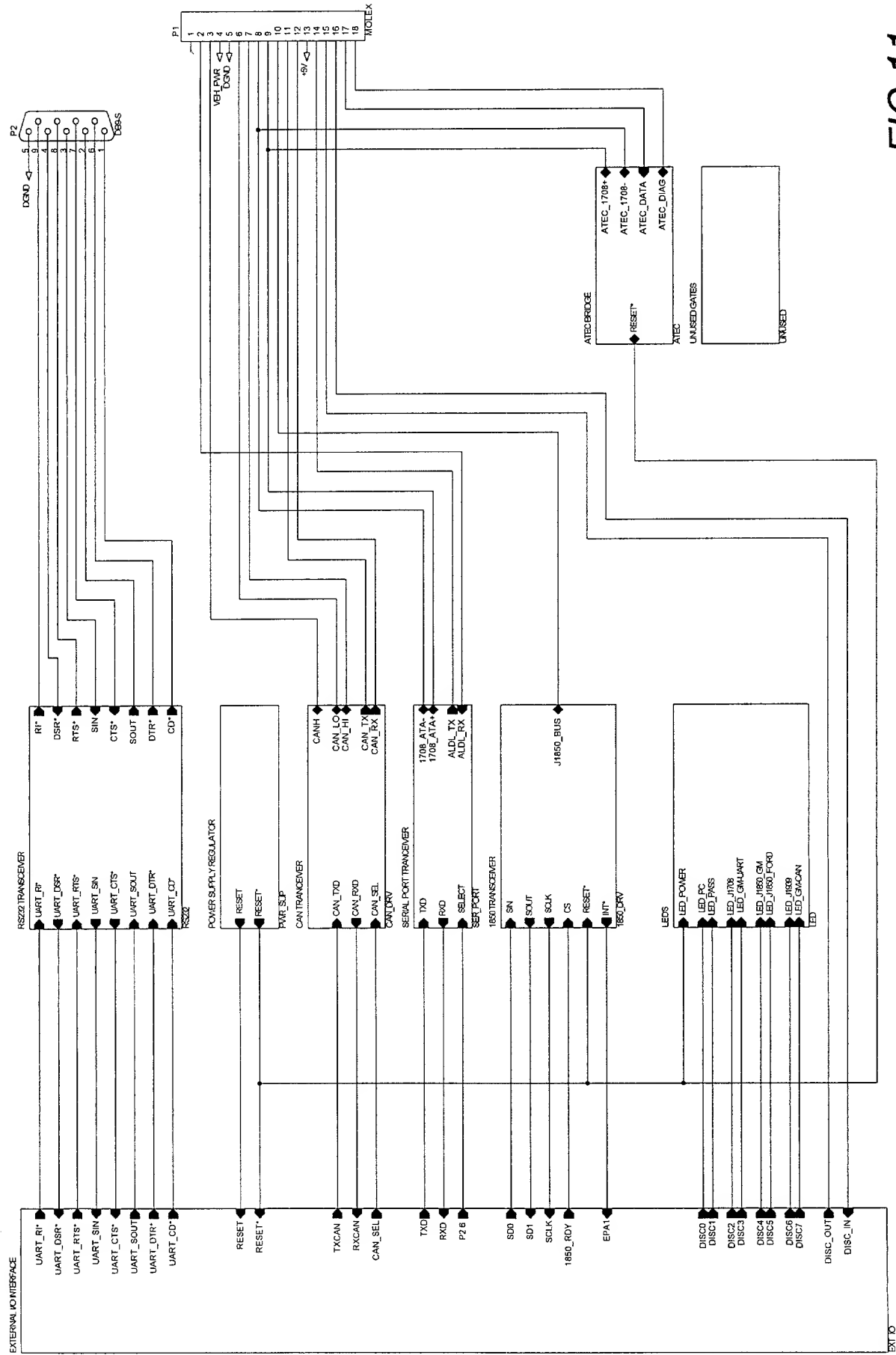


FIG 11

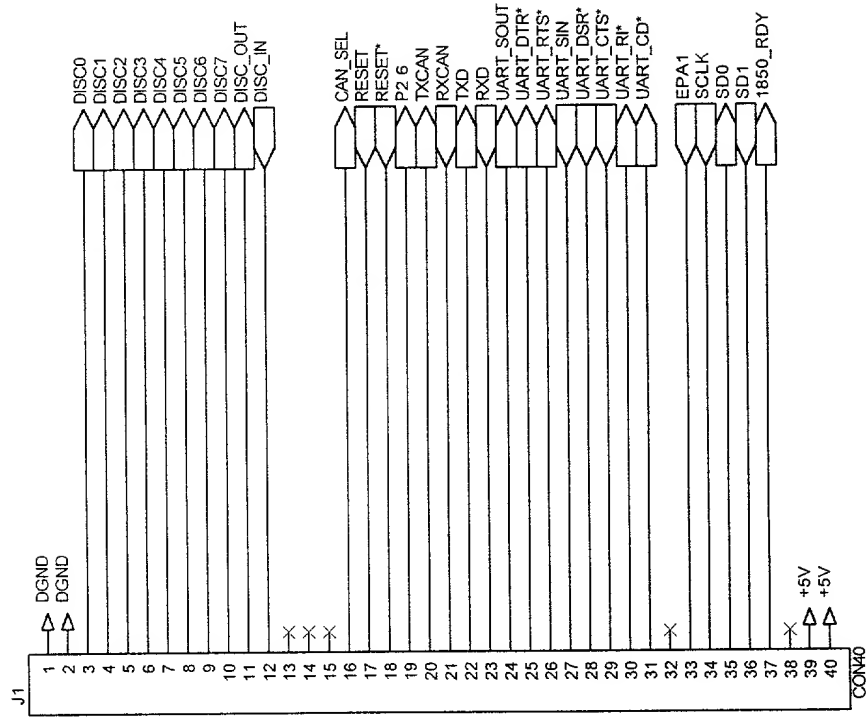
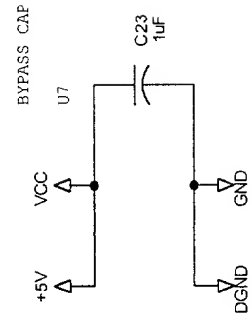
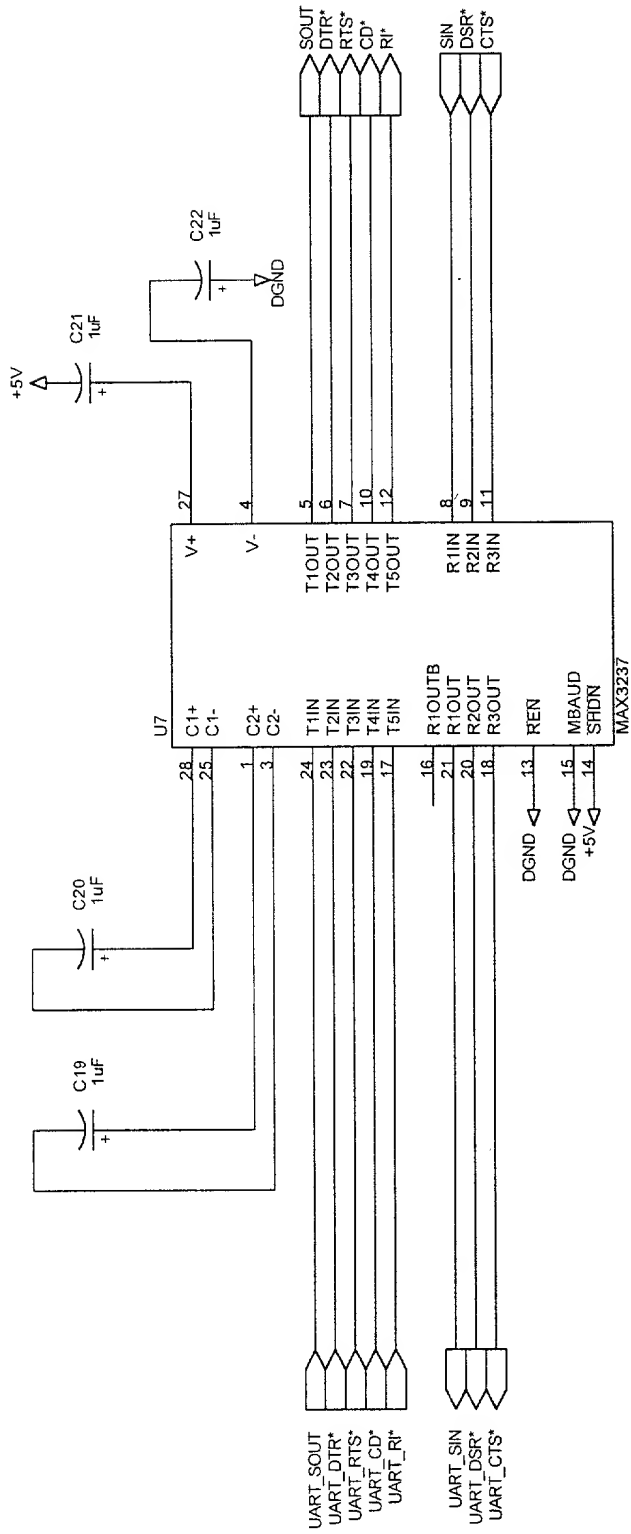


FIG 12



**FIG 13**

[illegible]

The diagram shows two separate circuit connections. On the left, the +5V pin of the IC is connected to a VCC supply line. On the right, the GND pin of the IC is connected to a common ground line, which is also labeled as DGND.

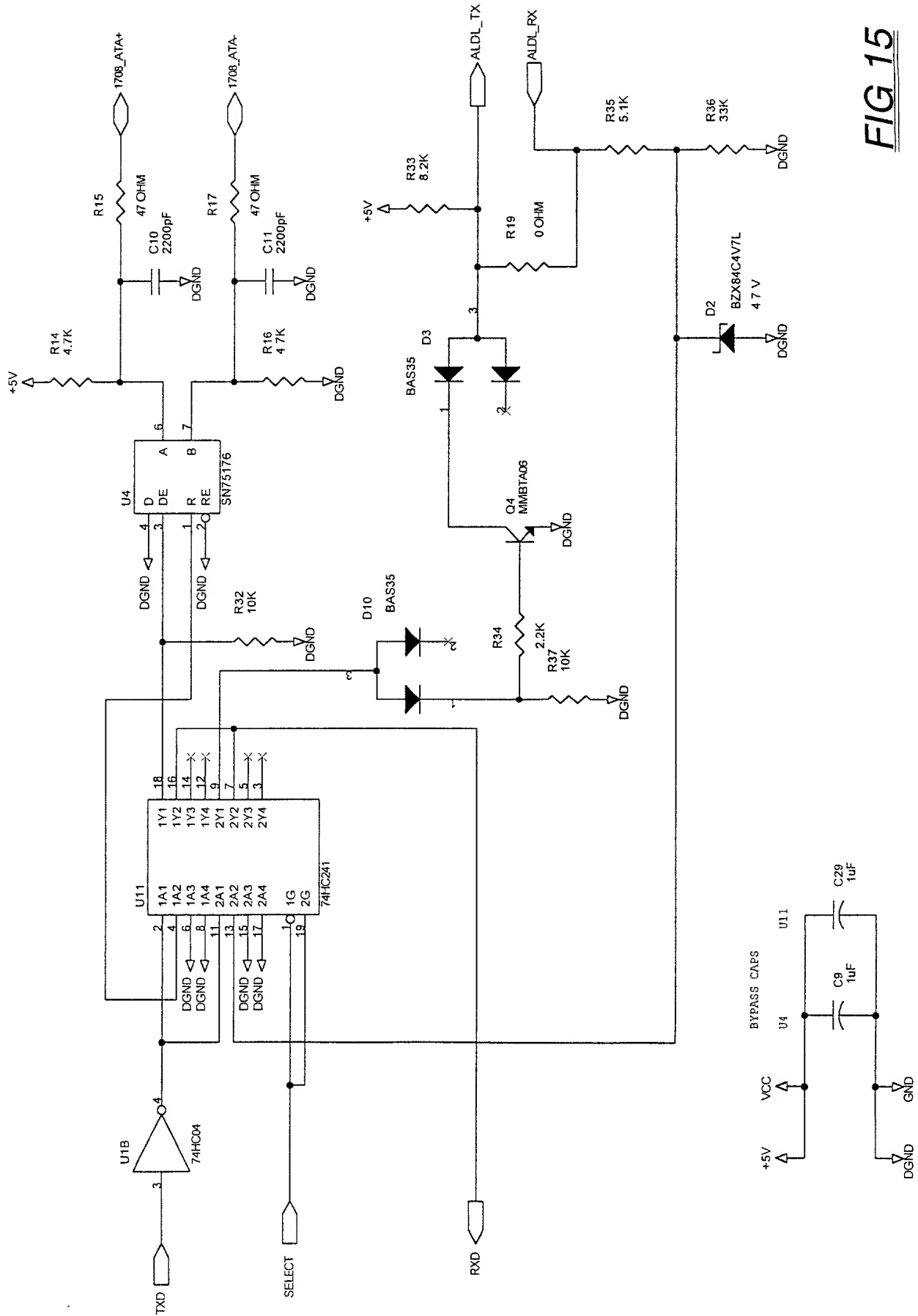
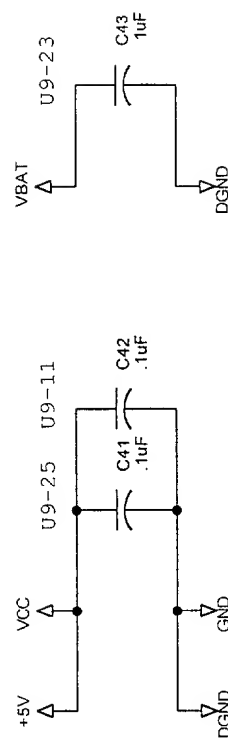
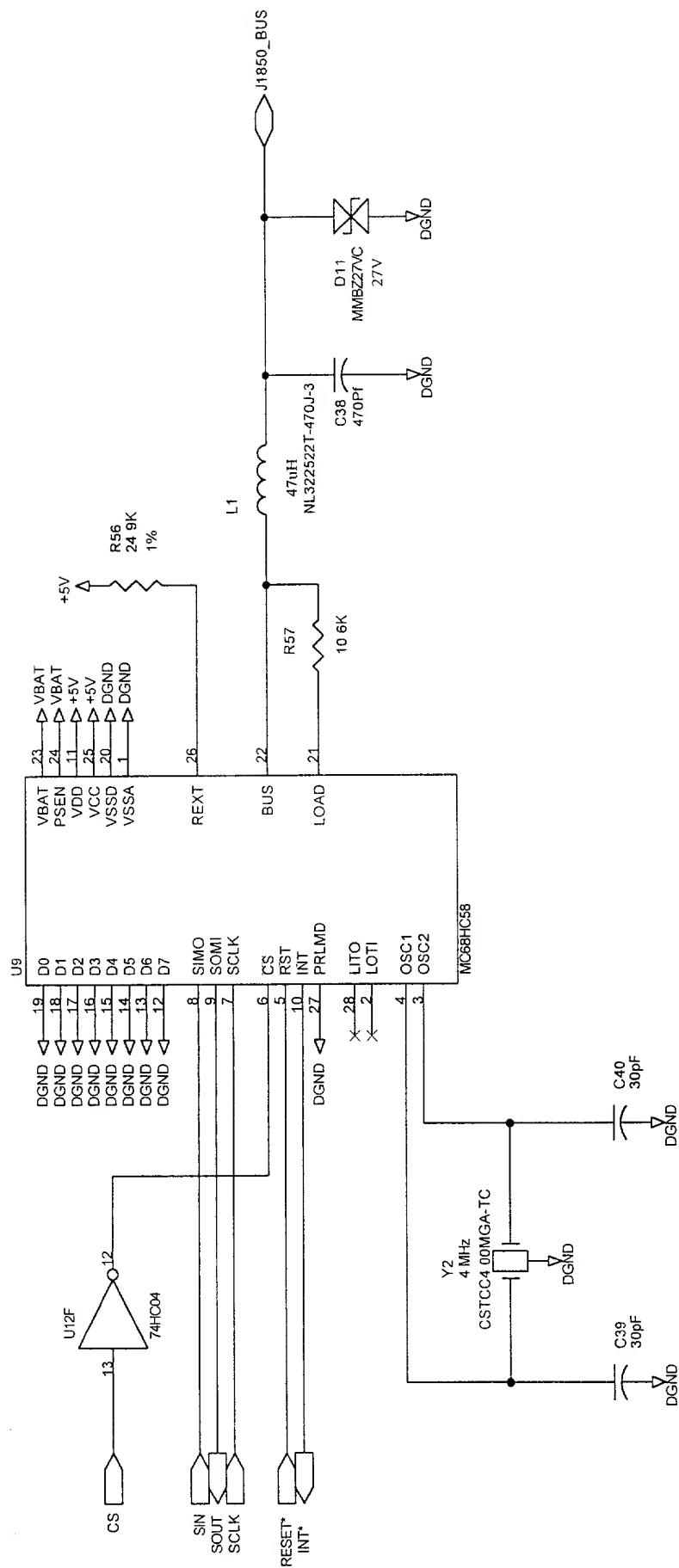


FIG 15

[illegible]



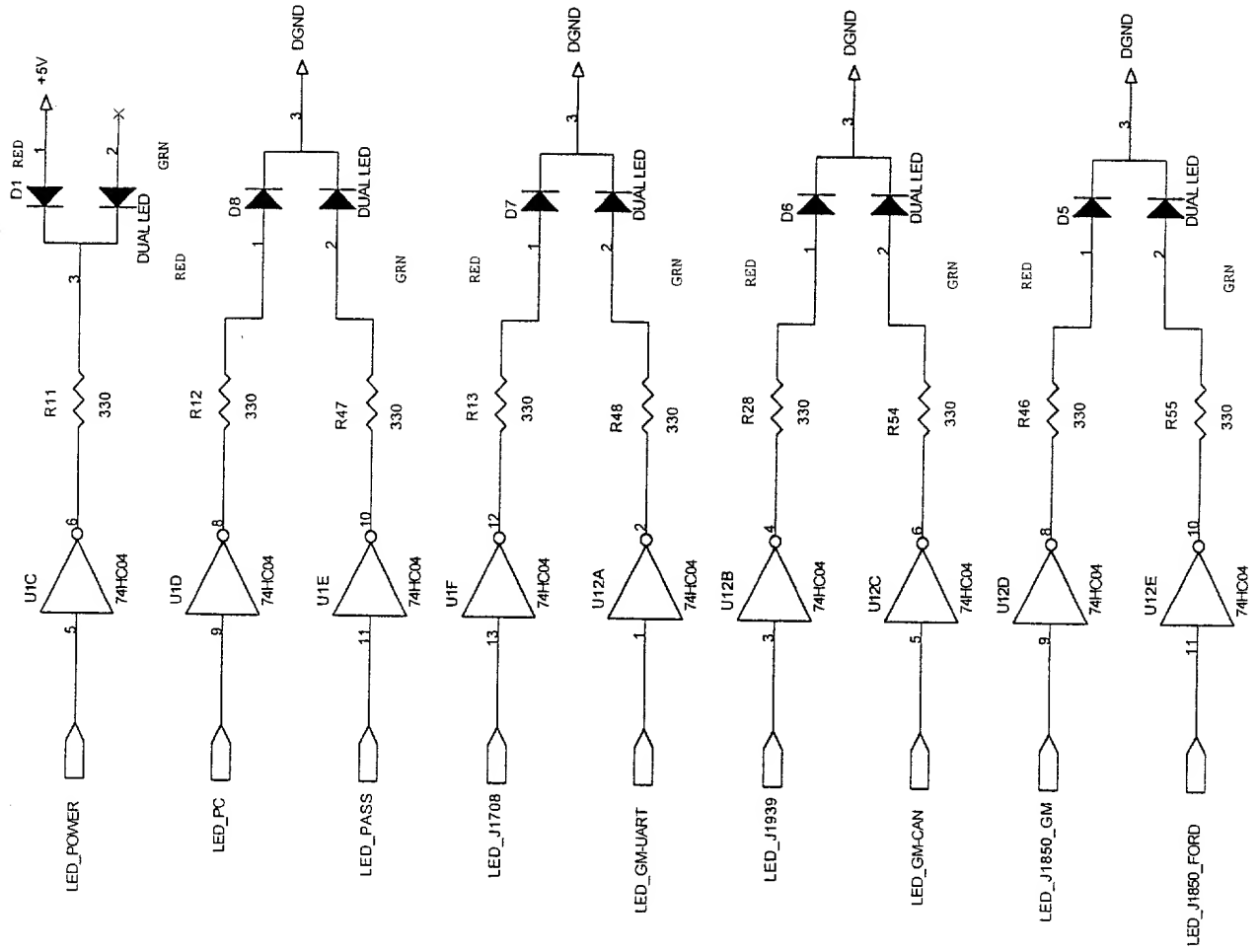
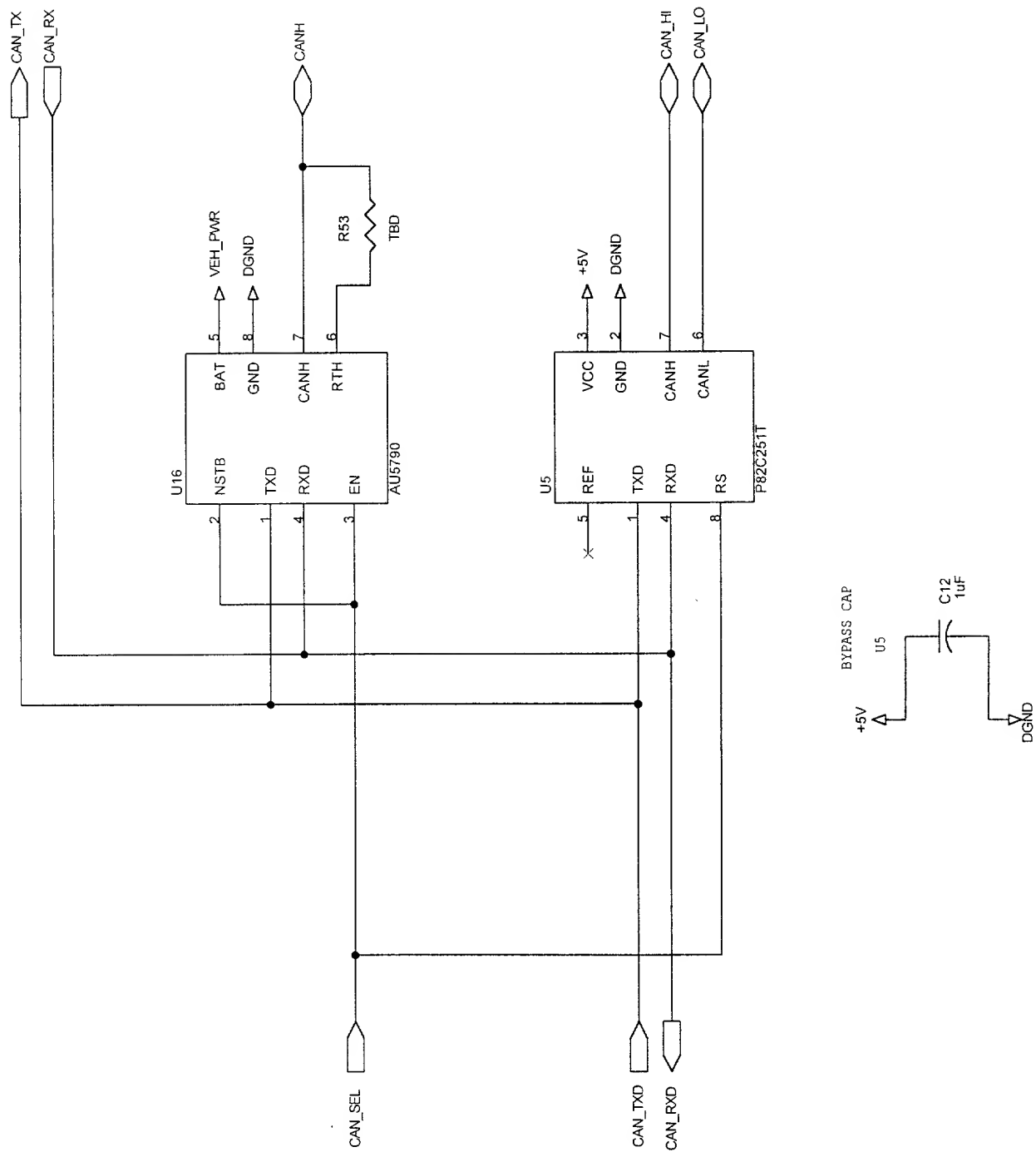


FIG 17

TABLE 14-10



**FIG 18**

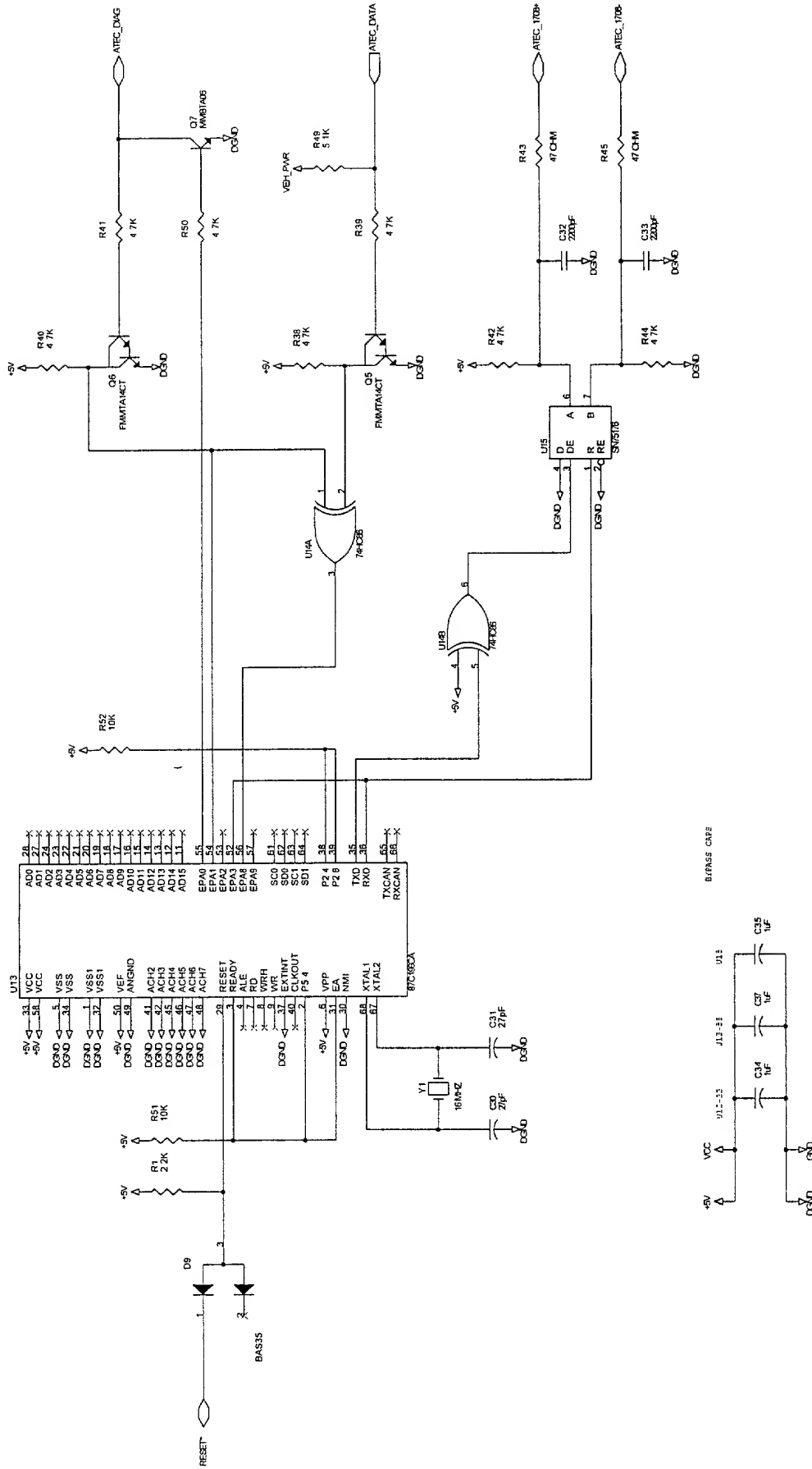


FIG 19

74HC08 74HC08

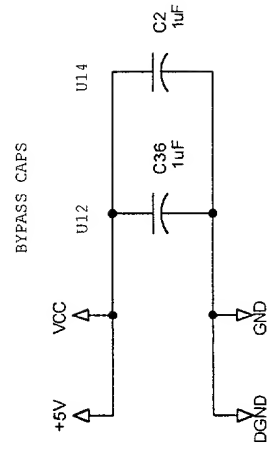
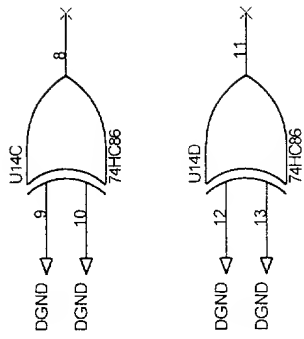


FIG 20

## FIG 21

**LED No. 1 (red)** - Black text, **Power**, indicates power on when illuminated.

## FIG 22

**LED No. 2** - Black text, **Mode**, plus red and green text as shown below:

Red text	Corresponding meaning for LED when illuminated (red)
<b>DPA</b>	Normal operation of the DPA unit. Flashes red only when serial communications with PC is occurring.
Green text	Corresponding meaning for LED when illuminated (green)
<b>PASS</b>	Normal DPA operation is suspended, and the protocol pass-through functionality is activated. Indicated by steady flashing green.
<b>Note:</b>	Alternating red/green indicates reflash (reprogramming) in progress.

## FIG 23

**LED No. 3** - Red and green text as shown below:

Red text	Corresponding meaning for LED when illuminated (red)
<b>J1939</b>	Dual-wire CAN is in operation: (J1939, Standard CAN or J2284 High-speed CAN) Flashes red when valid bus traffic is present.
Green text	Corresponding meaning for LED when illuminated (green)
<b>SW CAN</b>	Single-wire CAN is in operation: J2411 (if implemented). Flashes green for bus traffic.

## FIG 24

**LED No. 4** - Red and green text as shown below:

Red text	Corresponding meaning for LED when illuminated (red)
<b>J1850</b>	Chrysler J1850 protocol is in operation (if implemented). Flashes red for bus traffic.
Green text	Corresponding meaning for LED when illuminated (green)
<b>Class II</b>	GM Class II J1850 protocol is in operation. Flashes green for bus traffic.

## FIG 25

**LED No. 5** - Red and green text as shown below:

Red text	Corresponding meaning for LED when illuminated (red)
<b>J1708</b>	J1708 protocol is in operation. Flashes red for bus traffic
Green text	Corresponding meaning for LED when illuminated (green)
<b>UART</b>	One of several UART protocols is in operation: GM Class I (ALDL), ISO 9141-2, ISO 9141-1989, ISO-9141-Special (for Case). Flashes green for bus traffic.

FIG 26

Dearborn Group DPA III		
		$3 \oplus (D6)$
Mode	Power	
$2 \oplus$	$1 \oplus$	$4 \oplus (D5)$
(D8)	(D1)	
		$5 \oplus (D7)$

**Note:** Characters within parenthesis refer to schematic designations (Fig.17).